

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021076.D
 Acq On : 03 Dec 2021 20:04
 Operator : SY/VA
 Sample : M4886-07
 Misc : 5.39g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX888

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/05/2021
 Supervised By : Amit Patel 12/06/2021

Quant Time: Dec 04 01:41:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 01:31:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	65537	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	56139	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	26413	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	8758	9.591	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	38.360%		
7) Chloroethane-d5	2.885	69	8913	14.582	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.320%		
11) 1,1-Dichloroethene-d2	4.013	63	13070	8.960	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	35.840%#		
21) 2-Butanone-d5	7.079	46	12959	62.221	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	124.440%		
24) Chloroform-d	7.653	84	39201	23.884	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.520%		
26) 1,2-Dichloroethane-d4	8.311	65	24476	27.259	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	109.040%		
32) Benzene-d6	8.274	84	63034	21.960	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.840%		
36) 1,2-Dichloropropane-d6	9.274	67	22161	27.782	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	111.120%		
41) Toluene-d8	10.323	98	54080	18.374	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	73.480%		
43) trans-1,3-Dichloroprop...	10.573	79	6192	17.095	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	68.400%		
47) 2-Hexanone-d5	10.920	63	9811	64.284	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	128.560%		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	18308	24.808	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	99.240%		
66) 1,2-Dichlorobenzene-d4	13.853	152	20611	21.779	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.120%		
Target Compounds						Qvalue
13) Acetone	4.129	43	6468	34.093	ug/L	94
22) 2-Butanone	7.183	43	2372m	9.034	ug/L	
33) Benzene	8.323	78	360874	113.040	ug/L	100
35) Methylcyclohexane	9.335	83	1504	1.015	ug/L	91
42) Toluene	10.390	91	647805	177.659	ug/L	100
52) Ethylbenzene	11.731	91	190885	46.501	ug/L	97
53) m,p-Xylene	11.841	106	1506999	887.432	ug/L	80
54) o-Xylene	12.164	106	679036	424.115	ug/L	93
60) Isopropylbenzene	12.463	105	11849	3.228	ug/L	96
62) 1,3,5-Trimethylbenzene	12.944	105	634315	206.344	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	1846200	597.138	ug/L	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

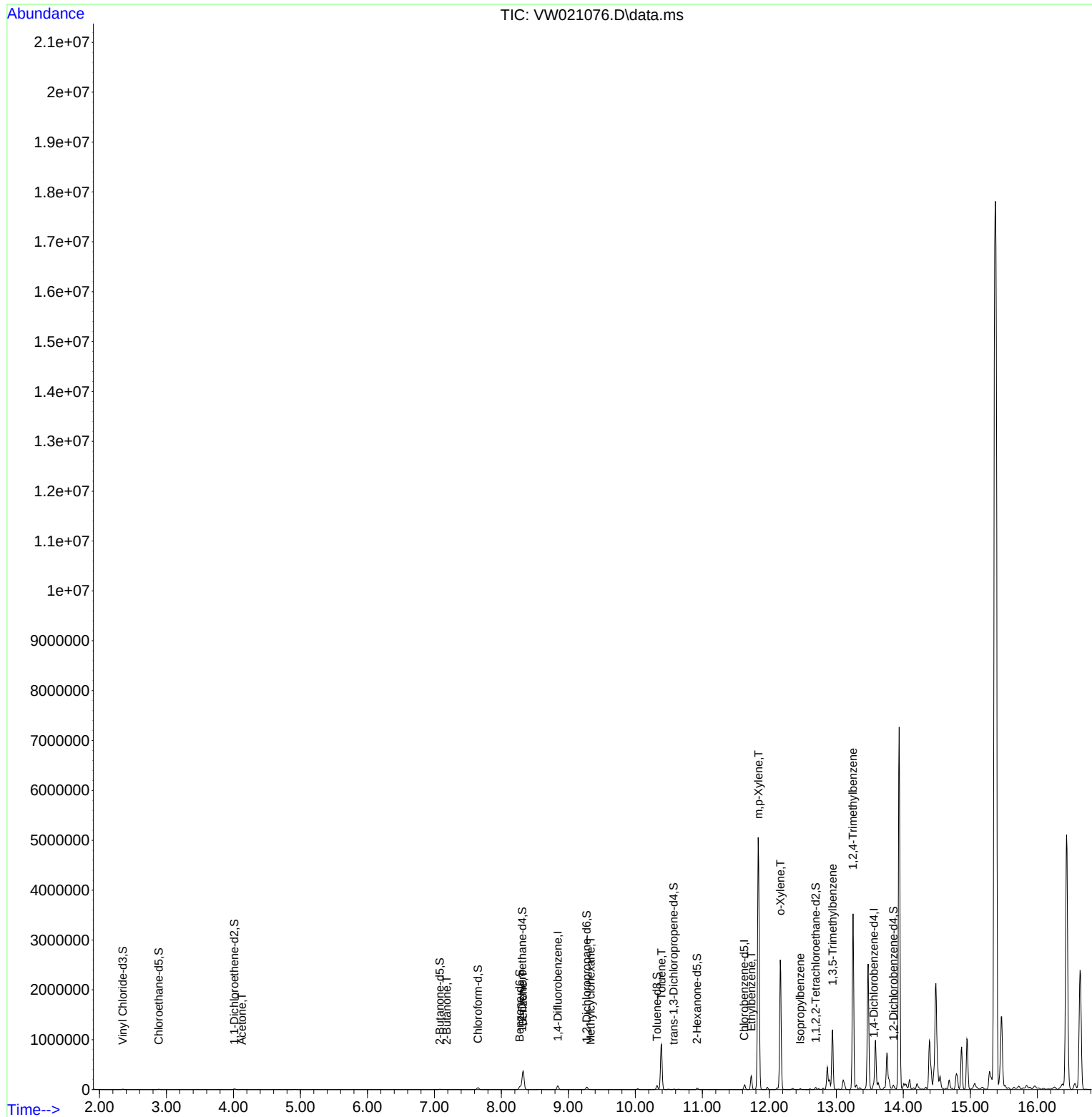
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
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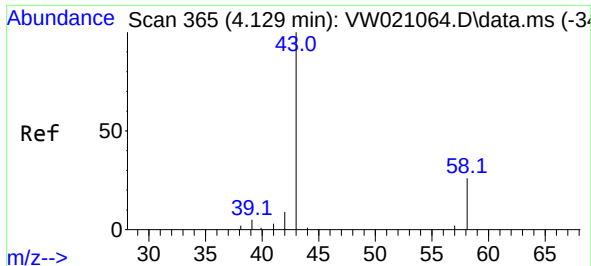
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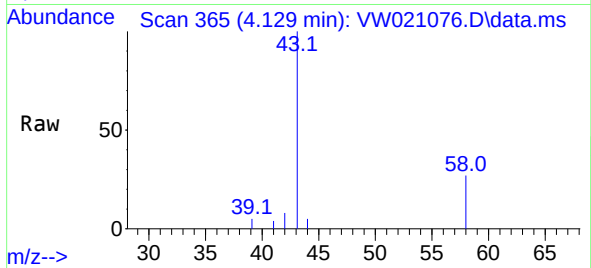
Quant Time: Dec 04 01:41:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 04 01:31:24 2021
Response via : Initial Calibration





#13
Acetone
Concen: 34.093 ug/L
RT: 4.129 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW021076.D
Acq: 03 Dec 2021 20:04

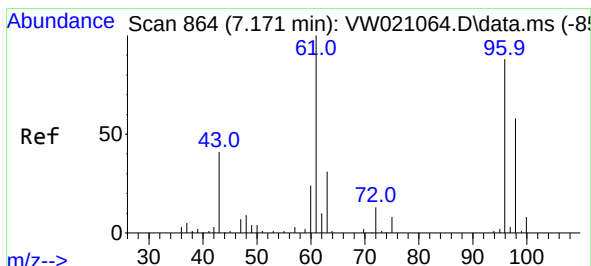
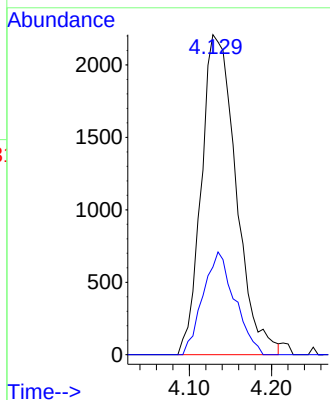
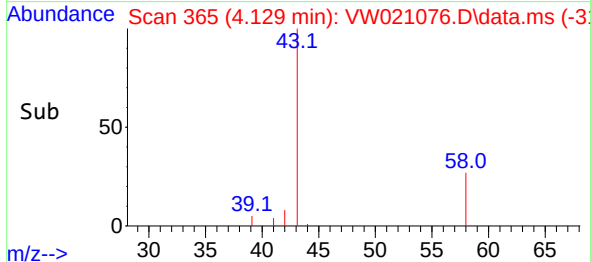
Instrument :
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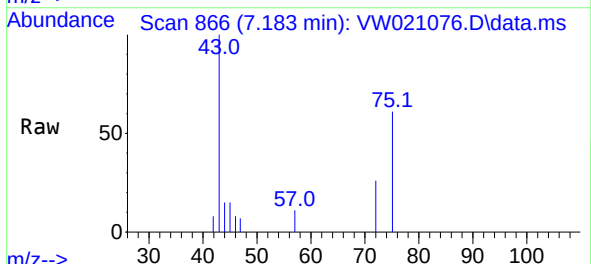
Tgt Ion: 43 Resp: 646
Ion Ratio Lower Upper
43 100
58 29.5 0.0 52.8

Manual Integrations
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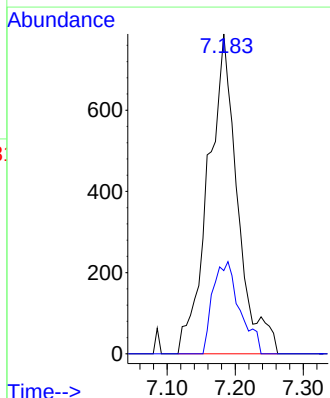
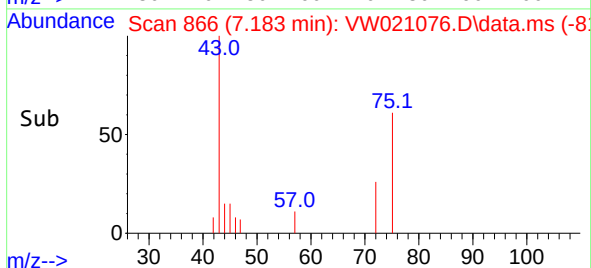
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/06/2021

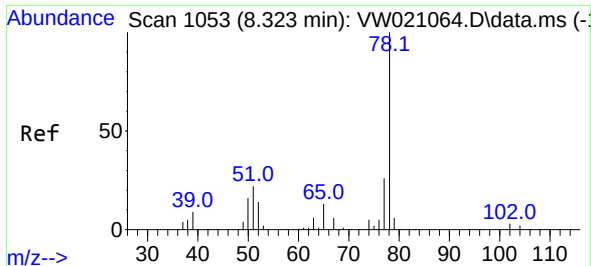


#22
2-Butanone
Concen: 9.034 ug/L m
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW021076.D
Acq: 03 Dec 2021 20:04



Tgt Ion: 43 Resp: 2372
Ion Ratio Lower Upper
43 100
72 24.5 11.8 35.4





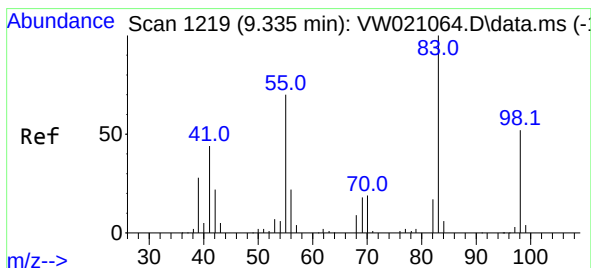
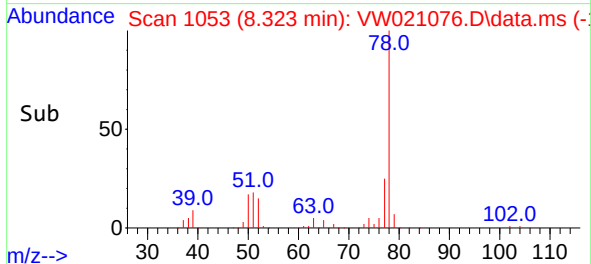
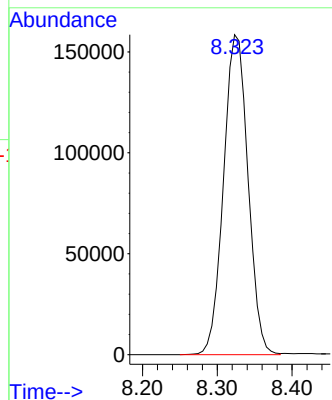
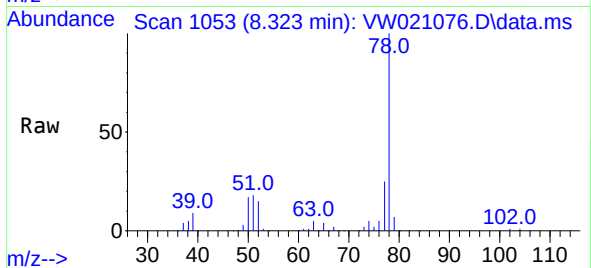
#33
Benzene
Concen: 113.040 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021076.D
Acq: 03 Dec 2021 20:04

Instrument :
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Tgt Ion: 78 Resp: 360874

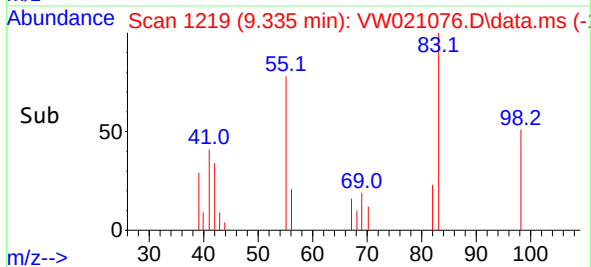
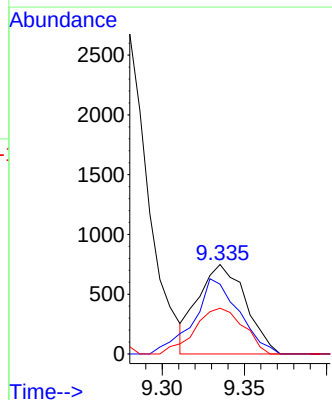
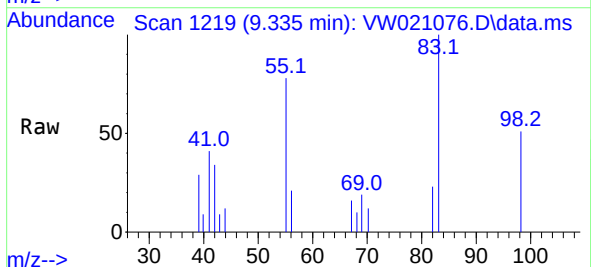
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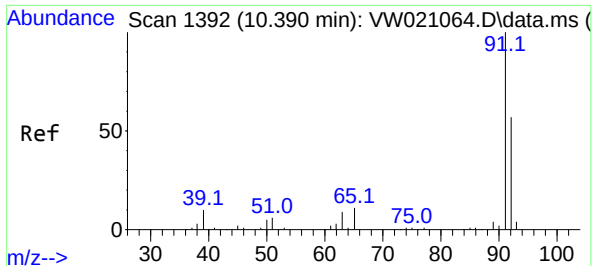
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/06/2021



#35
Methylcyclohexane
Concen: 1.015 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021076.D
Acq: 03 Dec 2021 20:04

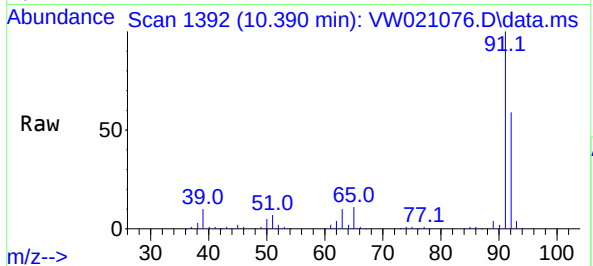
Tgt Ion: 83 Resp: 1504
Ion Ratio Lower Upper
83 100
55 79.5 70.8 106.2
98 52.3 37.7 56.5





#42
Toluene
Concen: 177.659 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW021076.D
Acq: 03 Dec 2021 20:04

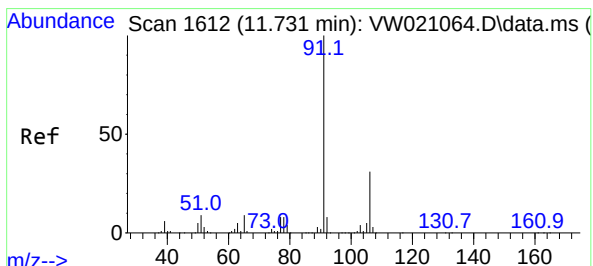
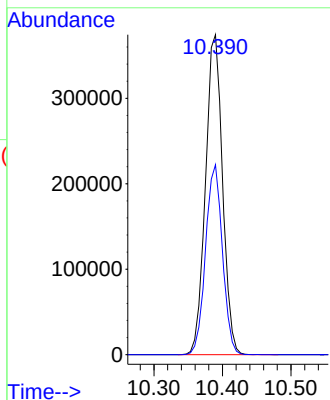
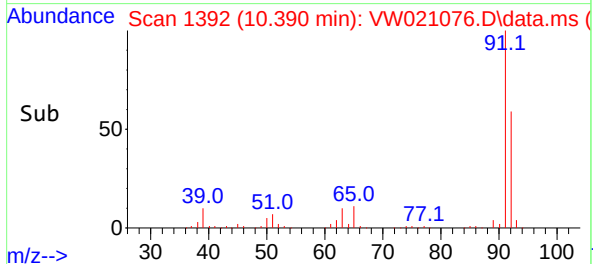
Instrument :
MSVOA_W
ClientSampleId :
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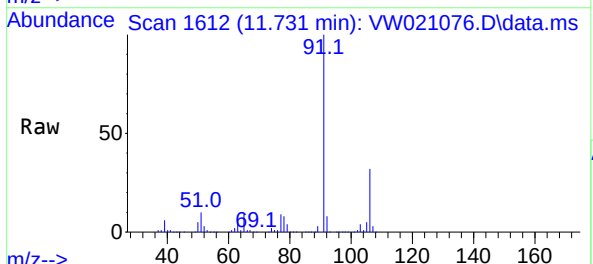
Tgt Ion: 91 Resp: 647809
Ion Ratio Lower Upper
91 100
92 59.3 41.7 77.5

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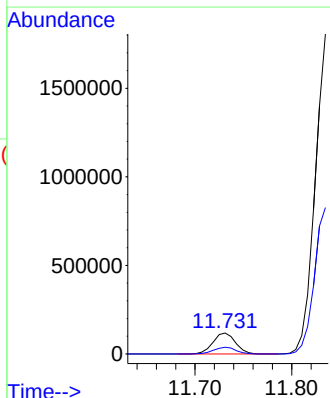
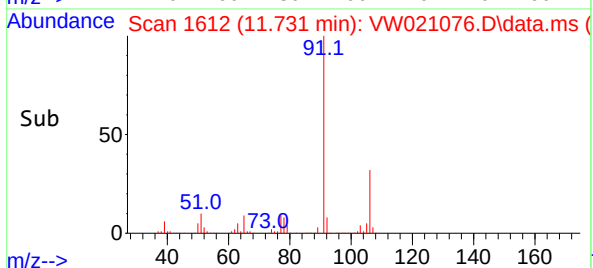
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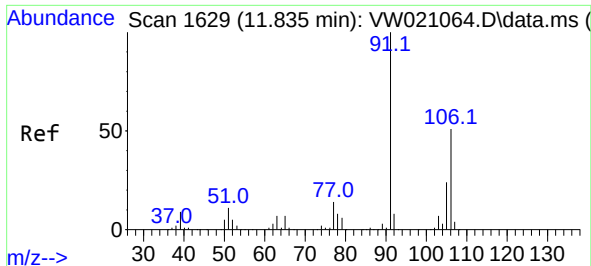


#52
Ethylbenzene
Concen: 46.501 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021076.D
Acq: 03 Dec 2021 20:04



Tgt Ion: 91 Resp: 190885
Ion Ratio Lower Upper
91 100
106 32.1 21.5 39.9





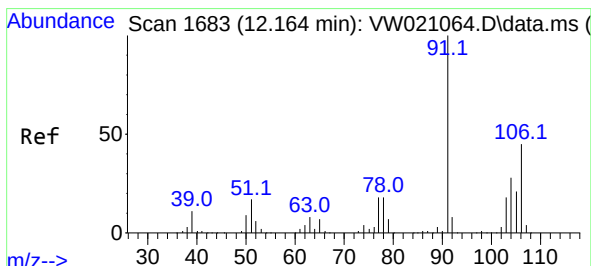
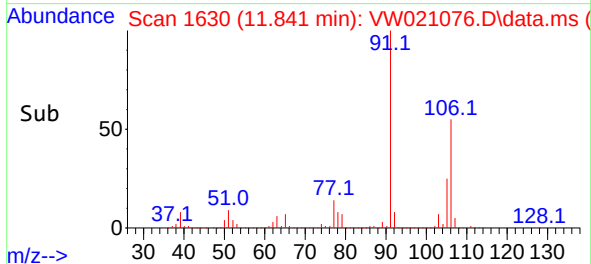
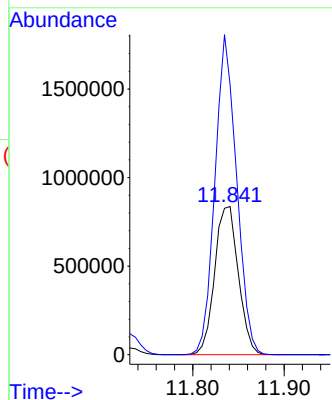
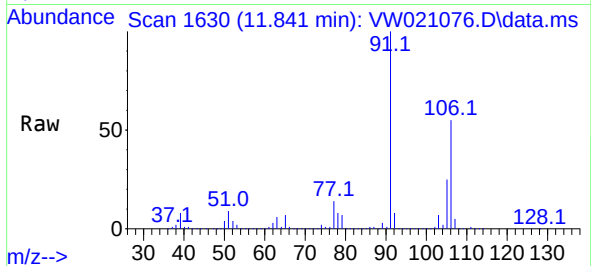
#53
m,p-Xylene
Concen: 887.432 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW021076.D
Acq: 03 Dec 2021 20:04

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Tgt Ion:106 Resp: 1506999
Ion Ratio Lower Upper
106 100
91 182.0 149.9 278.3

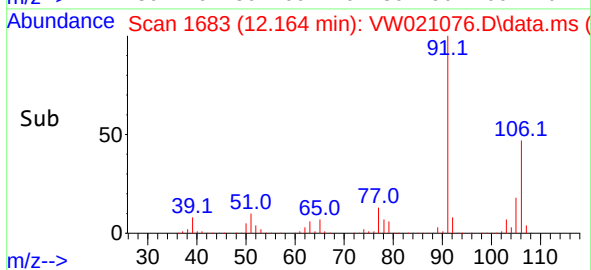
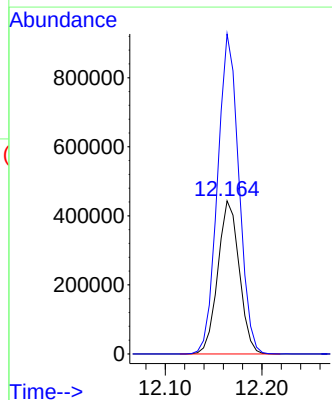
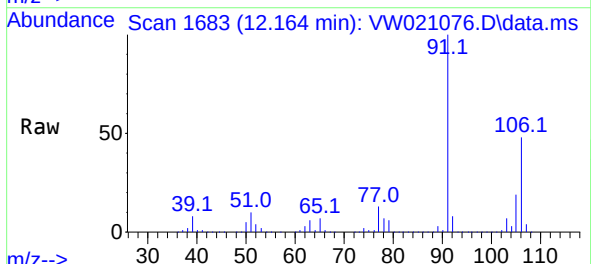
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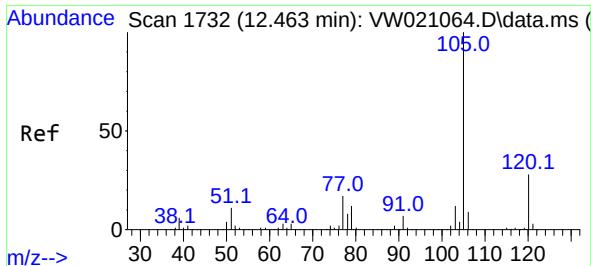
Reviewed By :Semsettin Yesilyurt 12/05/2021
Supervised By :Amit Patel 12/06/2021



#54
o-Xylene
Concen: 424.115 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021076.D
Acq: 03 Dec 2021 20:04

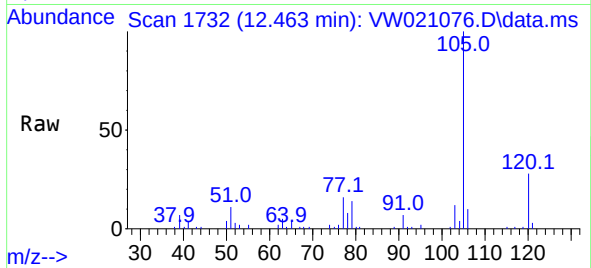
Tgt Ion:106 Resp: 679036
Ion Ratio Lower Upper
106 100
91 208.9 153.6 285.3





#60
Isopropylbenzene
Concen: 3.228 ug/L
RT: 12.463 min Scan# 11849
Delta R.T. -0.000 min
Lab File: VW021076.D
Acq: 03 Dec 2021 20:04

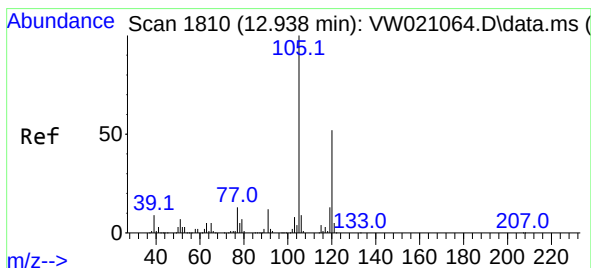
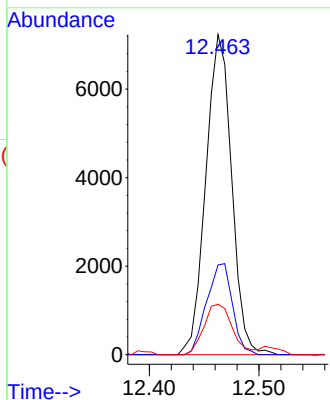
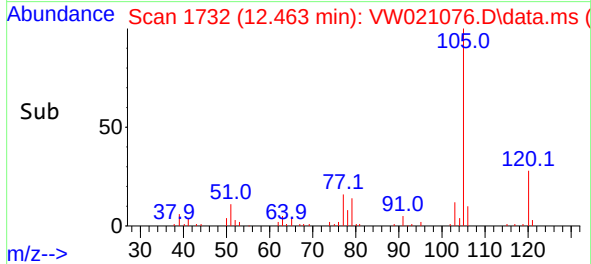
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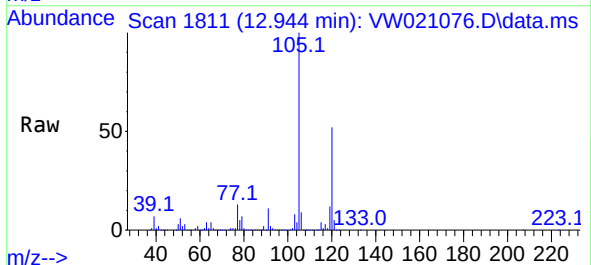
Tgt Ion:105 Resp: 11849
Ion Ratio Lower Upper
105 100
120 28.4 20.1 30.1
77 17.3 13.8 20.8

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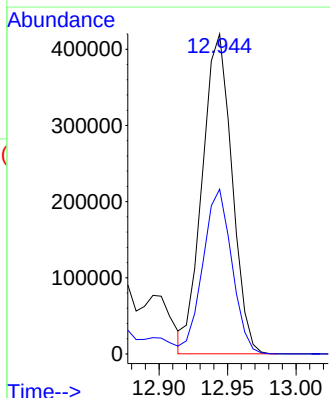
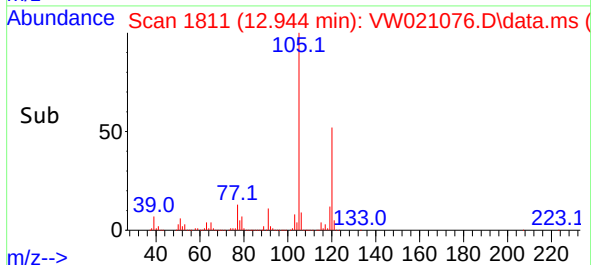
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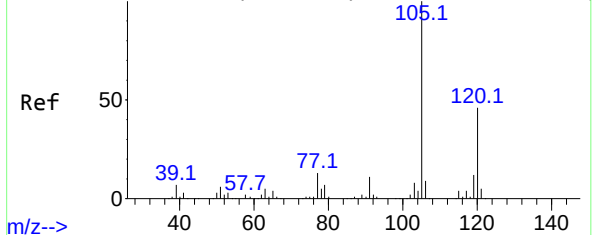
#62
1,3,5-Trimethylbenzene
Concen: 206.344 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW021076.D
Acq: 03 Dec 2021 20:04



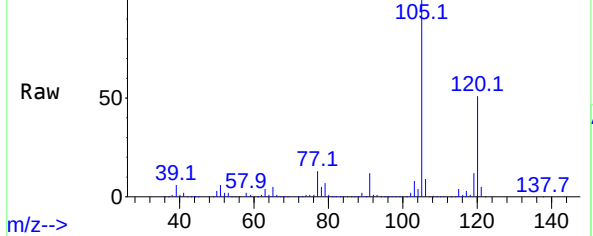
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Ion Ratio Lower Upper
105 100
120 50.4 37.4 56.2



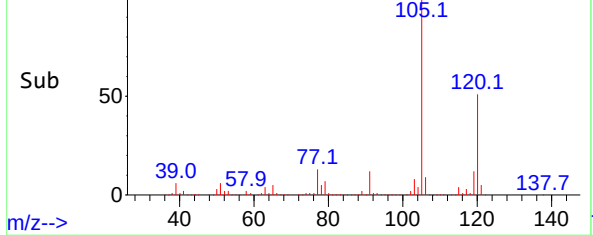
Abundance Scan 1861 (13.249 min): VW021064.D\data.ms (



Abundance Scan 1861 (13.249 min): VW021076.D\data.ms



Abundance Scan 1861 (13.249 min): VW021076.D\data.ms (



#63
1,2,4-Trimethylbenzene
Concen: 597.138 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021076.D
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Tgt Ion:105 Resp: 1846200
Ion Ratio Lower Upper
105 100
120 48.2 35.0 52.6

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